

Supplemental Materials

Exhibit A

Measure	Contrast	b	SE	t/z
Model 1: Preregistered dummy coding scheme				
RT ~ MC RC*ART + A P*RT + SRC ORC*ART +(1 Item) + (1 Participant)				
RT in log	Intercept	8.44	2.53	333.86***
	MC vs RC	1.71	1.40	12.18***
	Active vs. Passive	1.50	2.13	7.00***
	SRC vs ORC	8.61	1.79	4.80***
	ART	-4.12	2.14	-1.92^
	MC vs RC: ART	-1.02	4.37	-2.34*
	Active vs. Passive: ART	-1.59	5.30	-2.99**
	SRC vs ORC: ART	1.10	6.91	.16
Model 2: Condition treatment contrasts				
RT ~ Condition*ART +(1 Item) + (1 Participant)				
RT in log	Intercept	8.11	3.66	221.77***
	Active vs Passive	3.00	4.27	7.00***
	Active vs SRC	4.05	3.93	10.32***
	Active vs ORC	5.77	3.96	14.60***
	ART	-1.51	2.21	-.68
	Active vs Passive: ART	-3.17	1.06	-2.99**
	Active vs SRC: ART	-3.74	1.19	-3.15**
	Active vs ORC: ART	-3.52	1.23	-2.87**

Table 1. LME Models for the log transformed reading times with ART. Note: ^p<.1; *p<.05; **p<.01; ***p<.001

Exhibit B

Measure	Contrast	b	SE	t/z
Model 1: Preregistered dummy coding scheme				
RT ~ MC RC*RE + A P*RE + SRC ORC*RE +(1 Item) + (1 Participant)				
RT in log	Intercept	8.45	2.51	336.14***
	MC vs RC	1.71	1.41	12.12***
	Active vs. Passive	1.49	2.15	6.95***
	SRC vs ORC	8.63	1.80	4.79***
	RE	-6.43	2.13	-3.01**
	MC vs RC: RE	-6.19	4.33	-1.43
	Active vs. Passive: RE	-1.41	5.35	-2.63**
	SRC vs ORC: RE	-7.30	6.77	-.11
Model 2: Condition treatment contrasts				
RT ~ Condition*RE +(1 Item) + (1 Participant)				
RT in log	Intercept	8.12	3.66	221.63***
	Active vs Passive	2.99	4.23	6.95***
	Active vs SRC	4.05	3.95	10.25***
	Active vs ORC	5.78	3.98	14.52***
	RE	-4.40	2.20	-2.00*
	Active vs Passive: RE	-2.82	1.07	-2.63**
	Active vs SRC: RE	-2.57	1.18	-2.18*
	Active vs ORC: RE	-2.72	1.21	-2.25*

Table 2. LME Models for the log transformed reading times with RE. Note: ^p<.1; *p<.05; **p<.01; ***p<.001

Exhibit C

Measure	Contrast	b	SE	t/z
Model 1: Preregistered dummy coding scheme				
RT ~ MC_RC*ART + A_P*ART + SRC_ORC*ART + MC_RC*RE + A_P*RE + SRC_ORC*RE ++ (1 Item) + (1 Participant)				
RT in ms	Intercept	5760.38	187.29	30.76***
	MC vs RC	969.19	101.61	9.54***
	Active vs. Passive	820.40	150.05	5.47***
	SRC vs ORC	588.53	135.21	4.35***
	ART	-373.86	175.89	-2.13*
	RE	-345.53	177.09	-1.95^
	MC vs RC: ART	-107.05	46.46	-2.30*
	Active vs. Passive: ART	-137.64	56.59	-2.43*
	SRC vs ORC: ART	-19.69	73.23	-.27
	MC vs RC: RE	-82.30	46.18	-1.78^
	Active vs. Passive: RE	-74.81	57.10	-1.31
	SRC vs ORC: RE	-51.88	71.93	-.72
RT in log	Intercept	8.44	2.51	336.32***
	MC vs RC	1.71	1.41	12.15***
	Active vs. Passive	1.49	2.14	6.99***
	SRC vs ORC	8.63	1.80	4.80***
	ART	-1.99	2.28	-.87
	RE	-5.68	2.30	-2.46*
	MC vs RC: ART	-9.12	4.66	-1.96^
	Active vs. Passive: ART	-1.25	5.67	-2.20*
	SRC vs ORC: ART	-1.59	7.37	-.22
	MC vs RC: RE	-3.00	4.63	-.65
	Active vs. Passive: RE	-9.62	5.72	-1.68
	SRC vs ORC: RE	-1.22	7.21	-.17
Model 2: Condition treatment contrasts				
RT ~ Condition*ART + Condition*RE + (1 Item) + (1 Participant)				
RT in ms	Intercept	3970.79	261.92	15.16***
	Active vs. Passive	1640.81	300.10	5.47***
	Active vs. SRC	2170.24	283.56	7.65***
	Active vs. ORC	3347.31	285.97	11.71***
	ART	-129.16	185.44	-.70
	RE	-188.42	186.72	-1.00
	Active vs. Passive: ART	-275.29	113.19	-2.43*
	Active vs. SRC: ART	-371.43	126.01	-2.95**
	Active vs. ORC: ART	-332.05	13-.63	-2.54*
	Active vs. Passive: RE	-149.63	114.19	-1.31
	Active vs. SRC: RE	-291.29	125.48	-2.32*
	Active vs. ORC: RE	-187.53	129.07	-1.45
RT in log	Intercept	8.12	3.58	227.05***
	Active vs. Passive	3.00	4.20	7.13***
	Active vs. SRC	4.04	3.87	10.44***
	Active vs. ORC	5.75	3.90	14.75***
	ART	-1.50	2.29	-.07

	RE	-3.85	2.30	-1.67^
	Active vs. Passive: ART	-2.13	1.10	-1.93^
	Active vs. SRC: ART	-3.23	1.23	-2.63**
	Active vs. ORC: ART	-2.87	1.28	-2.25*
	Active vs. Passive: RE	-2.09	1.11	-1.89^
	Active vs. SRC: RE	-1.30	1.22	-1.06
	Active vs. ORC: RE	-1.54	1.26	-1.23
Model 3: Preregistered dummy coding scheme				
Accuracy ~ MC_RC*ART + A_P* ART + SRC_ORC* ART +MC_RC*RE + A_P*RE + SRC_ORC*RE + (1 Item)				
Accuracy	Intercept	3.03	.16	19.43***
	MC vs RC	-1.14	.16	-7.36***
	Active vs. Passive	-2.74	.37	-7.40***
	SRC vs ORC	-.42	.14	-3.01**
	ART	.15	.06	2.54*
	RE	.19	.06	3.22**
	MC vs RC: ART	.08	.06	1.36
	Active vs. Passive: ART	.13	.12	1.06
	SRC vs ORC: ART	.02	.05	.47
	MC vs RC: RE	.06	.06	.91
	Active vs. Passive: RE	.04	.13	.35
	SRC vs ORC: RE	.01	.04	.18
Model 4: Condition treatment contrasts				
Accuracy ~ Condition*ART + Condition*RE + (1 Item)				
Accuracy	Intercept	.98	.01	185.00***
	Active vs. Passive	-.22	.01	-29.94***
	Active vs. SRC	-.10	.01	-10.65***
	Active vs. ORC	-.18	.01	-20.65***
	ART	.01	.01	.91
	RE	.00	.01	.54
	Active vs. Passive: ART	.01	.01	1.37
	Active vs. SRC: ART	.00	.01	.32
	Active vs. ORC: ART	.00	.01	.50
	Active vs. Passive: RE	.02	.01	2.79**
	Active vs. SRC: RE	.02	.01	2.10*
	Active vs. ORC: RE	.03	.01	3.43***

Table 3. LME Models for the raw and log transformed reading times and accuracy rates with ART and RE tests included in the same model with the pre-registered and exploratory (treatment) contrasts. Note: ^p<.1; *p<.05; **p<.01; ***p<.001 Since accuracy model with exploratory contrasts did not converge with random structure we present here the results of logistic regression model.